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Computational Modeling and Design in Systems Biology

Computers are cool, but how do you really use them in Engineering? Are they just a super calculators that crunch lots of numbers? This talk offers a glimpse of how computational methods are used in Engineering. How do you build a computational model? How do you make sure it is right? And if you had a model, how would you make design decisions to optimize your product? Modeling and optimizing of cellular behavior will be used as an example. No prior knowledge of Biology or Computing is necessary.

STEM SPEAKER SERIES

Thursday, April 26th, 2012

11:30a.m.-1:00p.m.

Academic Building 3-121



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